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PTO/SB/17-11-02, Approved for use through 04/30/2002 OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE  
U.S. Patent Application Transmittal FormUTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. P05468U S1  
First Inventor MARANAS, COSTAS D., et al.  
Title METHOD & SYSTEM FOR MODELING CELLS  
Express Mail Label No. EV 060131428 US

APPLICATION ELEMENTS		ADDRESS TO:	
See MPEP chapter 600 concerning utility patent application contents.			
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)	Assistant Commissioner for Patents		
2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.	Box Patent Application Washington, DC 20231		
3. <input checked="" type="checkbox"/> Specification [Total Pages 63] <i>preferably arranged in order set forth below.</i> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program. (Appendix)		
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [ Total Sheets 26 ]	8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i>		
5. Oath or Declaration [ Total Pages 2 ]	a. <input type="checkbox"/> Computer Readable Form (CRF)		
a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <i>(for continuation/divisional with Box 18 completed)</i>	b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-F (2 copies), or ii. <input type="checkbox"/> paper		
i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> <i>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</i>	c. <input type="checkbox"/> Statements verifying identity of above copies		
6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>when there is an assignee</i>		
11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> 16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other: <i>POWER OF ATTORNEY, (2 sheets)</i>			

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation  Divisional  Continuation-in-part (CIP)of prior application No. *.....*Prior application info. *.....*Examiner *.....*Group Art Unit *.....*

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	27407 <i>(Insert Customer No. or Attach bar code label here)</i>	<input type="checkbox"/> or <input type="checkbox"/> Correspondence address below	
Name			
Address			
City	State	Zip Code	
Country	Telephone	(515) 288-3667	
Name (Print/Type)	JOHN D. GOODHUE	Registration No. (Attorney/Agent)	47,603
Signature			Date 1/10/2002

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 412.00)

## Complete if Known

Application Number	
Filing Date	
First Named Inventor	MARANAS, COSTAS D., et al.
Examiner Name	
Group Art Unit	
Attorney Docket No.	P05468US1

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None
 Deposit Account

Deposit Account Number	26-0084
Deposit Account Name	McKee, Voorhees & Sease PLC

The Commissioner is authorized to: (check all that apply)

 Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below except for the filing fee to the above identified deposit account
 

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	370.00
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	
<b>SUBTOTAL (1)</b>		(\$ 370.00)	

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	19	-20** =	0	•	0	=	0	Extra Claims	Fee from below	Fee Paid
Independent Claims	4	- 3*** =	1	•	42	=	42			
Multiple Dependent			0	=	0					

Large Entity	Small Entity	Fee Description	Fee Paid
103 18	203 9	Claims in excess of 20	
102 84	202 42	Independent claims in excess of 3	
104 280	204 140	Multiple dependent claim, if not paid	
109 84	209 42	** Reissue independent claims over original patent	
110 18	210 9	** Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2)</b>		(\$ 42.00)	

\*\* or number previously paid, if greater. For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 17	227 27	Surcharge - late processing fee or cover sheet	
139 1.0	139 1.0	Non-English specification	
141 2,520	141 2,520	Filing a request for ex parte reexamination	
152 90*	112 92*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 10	Extension for reply within first month	
116 40.0	216 20	Extension for reply within second month	
117 920	217 40	Extension for reply within third month	
118 1,440	118 1,440	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
129 320	219 16	Notice of Appeal	
120 320	220 16	Filing a brief in support of an appeal	
121 260	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,250	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 240	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 60	123 5	Processing fee under 37 CFR 1.17(q)	
126 180	126 10	Submission of Information Disclosure Stmt	
58* 40	58* 40	Recording each patent assignment per property (times number of properties)	
140 740	140 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
141 740	141 370	For each additional invention to be examined (37 CFR § 1.129(b))	
170 740	170 370	Request for Continued Examination (RCE)	
161 960	161 480	Request for expedited examination of a design application	
Other fee (specify)			
*Reduced by Basic Filing Fee Paid		SUBTOTAL (3) (\$ 0)	

SUBMITTED BY		Complete if applicable		
Name (Print/Type)	JOHN D. GOODHUE	Registration No (Attorney/Agent)	47,603	Telephone (515) 288-3667
Signature		Date		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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